



H.264 VIDEO ENCODER



Part of the updated Vip-Kit2 range, Vista has introduced the VK2-Encoder with H.264 compression and Power over Ethernet (PoE).

The Encoder takes a standard analogue CCTV camera signal and converts it to an IP stream to allow it to be viewed anywhere on the network. Feature rich, it offers PoE, audio in and out, telemetry output and alarm inputs and outputs.

Being part of the Vip-Kit2 range, it is supplied with its own free management software and is compatible with Graphica2, the powerful enterprise-class video management solution offering seamless integration of analogue and digital technologies. PoE operation allows power to be sent over Cat5 cable, allowing existing cabling to be used rather than incurring the added cost of extra cable installation.

To learn more about this product range please visit us at vista-cctv.com



Key Features:

H.264 compression

Highly efficient compression for top quality images at low bandwidth, >25% more efficient than MPEG4.

PoE

Power over Ethernet, allows installation over single CAT5 cable
Dual Streaming

Send 2 separate video streams simultaneously in H.264, MPEG4 or MJPEG with independent control on frame rate and bandwidth

Simple to use

Operation via well-established PC-based system

Part of VIP kit range

Similar look and feel across whole range

High quality - high frame rate

Capable of displaying and recording images real time up to 25ips at D1 resolution

MODELS IN THIS RANGE

0000000 VK2-ENCODER IP encoder H.264 and PoE

TECHNICAL SPECIFICATION

MAIN ITEM	SUB ITEM	SPECIFICATION
VIDEO	Video In/Out	1BNC/1BNC, 1.0Vp-p [75ohm, composite]
	Compression	Motion JPEG
		MPEG-4 Part2
		H.264 (MPEG-4 Part 10)
	Resolutions	Profiles: H.264 MP and BP, MPEG-4 ASP and SP
		4CIF, 2CIF, CIF, QCIF, VGA, QVGA, QQVGA
		Max. 704x480/704x576 [NTSC/PAL]
		Min. 160x120,
	Frame Rate, H.264	Up to 30/25ips [NTSC/PAL] @ all resolutions
	Frame Rate, MPEG-4	Up to 30/25ips [NTSC/PAL] @ all resolutions
AUDIO	Frame Rate, MJPEG	Up to 30/25ips [NTSC/PAL] @ all resolutions
	Video Streaming	Simultaneously H.264 (or MPEG-4) and MJPEG
		Controllable Frame Rate and Bandwidth
		VBR/CBR H.264 and MPEG-4
AUDIO	Audio In/Out	1/1 Phone Jack
	Audio Streaming	2 Way
	Compression	G.726 ADPCM 40kbps to 16kbps
NETWORK	Security	Multi-user authority, HTTPS, IP Filtering, 802.1x
	Supported Protocol	IPv4/v6, HTTP, HTTPS, QoS, FTP, SNMP, RTCP, DHCP, ARP
	Remote Software	Web page, eVideoClient16
	Max. Connection	10
SYSTEM REQUIREMENT	API Programming Interface	API Supported,
	Interface	Open Platform
	Alarm Triggers	Motion Detection, External Input, Video Loss
	Alarm Events	File upload via FTP and HTTP
		Notification via E-mail, HTTP and TCP
FEATURE		External Output Activation
Video Buffering	Pre and Post Alarm	
Motion Detection	Yes, Max 8 window	
Privacy Mask	Yes, Max 8 window	
Network Time Synchronization	Yes	
Software Reset	Yes	
Factory Reset	Yes	
Auto Recovery	Yes	
IN/OUT	Installation Tool	Yes, SmartManager Software
	Upgrade	Yes, Remote Software
	Alarm In/Out	1 TTL / 1 Relay Output
	Auxiliary	1 x RS485, 1 x USB2.0
	Ethernet	RJ-45 10BASE-T/100BASE-TX PoE
GENERAL	LED Indicator	Power, Network
	Buttons	Factory Reset
	Casing	Metal Casing, Standalone or with Bracket for wall mount
	Operating Temperature	0°C to 50°C
	Operation Humidity	
	Power Consumption	24V AC/12V DC max. 5watt, Power over Ethernet IEEE 802.3af Class2/3
	Dimensions (WxHxD)	155x40x102.4mm
	Unit Weight	470g
	Approval	CE



No liability will be accepted by Vista for any errors or omissions in this information.

DS-VK2ENCODER - version 1

Vista, 210 Wharfedale Road, Winnersh Triangle, Wokingham, Berkshire RG41 5TP, England.

T +44 (0) 118 912 5000 - F +44 (0) 118 912 5001 - vista-cctv.com - info@vista-cctv.com